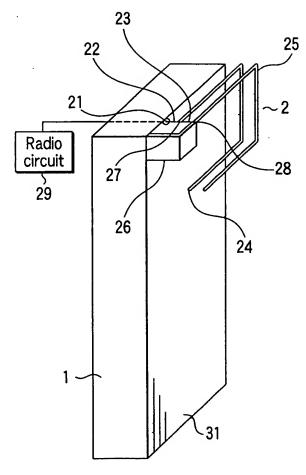
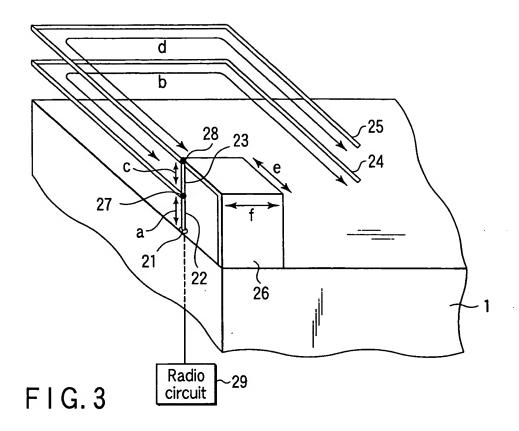


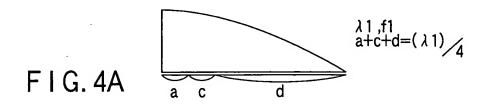
FIG. 1 PRIOR ART

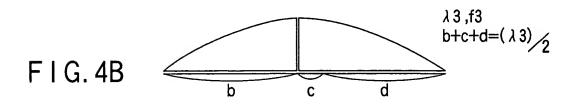


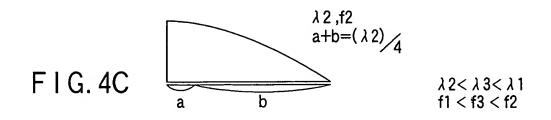
F I G. 2

OBLON, SPIVAK, ET AL. INV: Syuichi SEKINE, et al. DOCKET # 244003US-2SRD DIV SHEET 2 OF 18

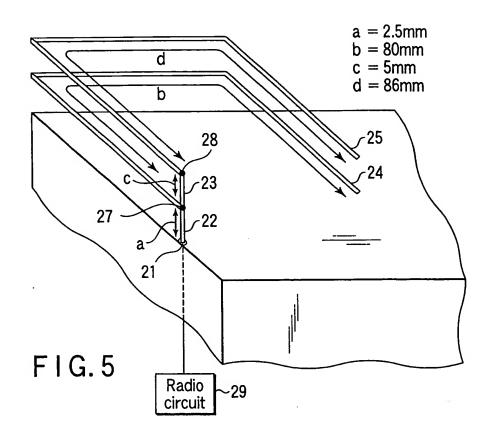


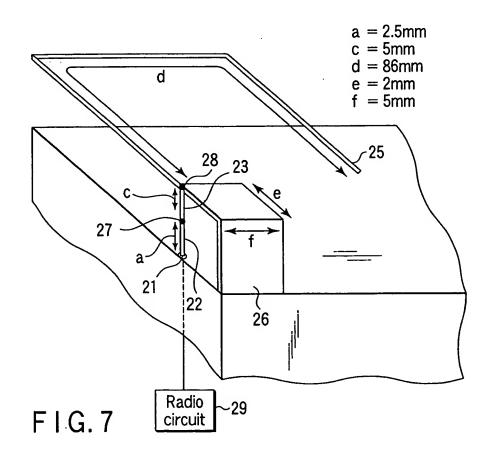




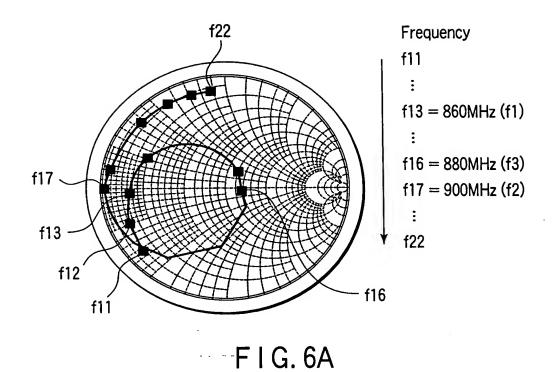


OBLON, SPIVAK, ET AL.
INV: Syuichi SEKINE, et al.
DOCKET # 244003US-2SRD DIV
SHEET 3 OF 18





OBLON, SPIVAK, ET AL. INV: Syuichi SEKINE, et al. DOCKET # 244003US-2SRD DIV SHEET 4 OF 18



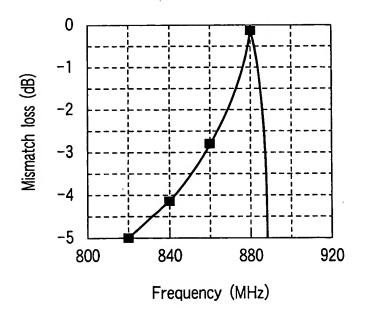
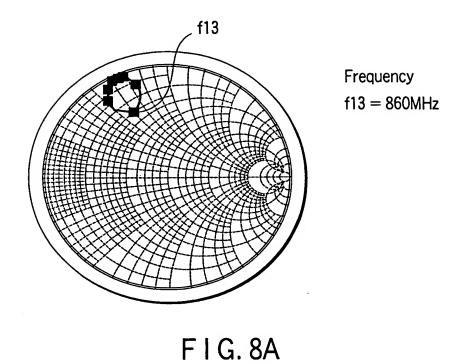


FIG.6B

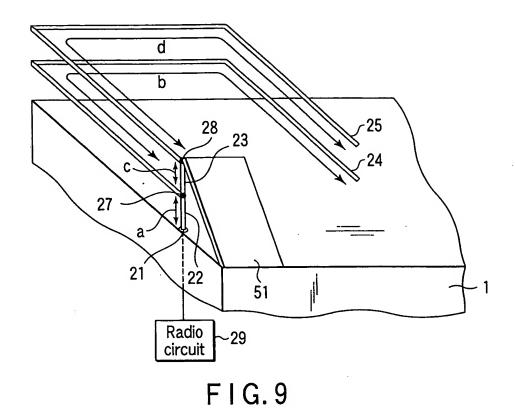
OBLON, SPIVAK, ET AL. INV: Syuichi SEKINE, et al. DOCKET # 244003US-2SRD DIV SHEET <u>5</u> OF <u>18</u>

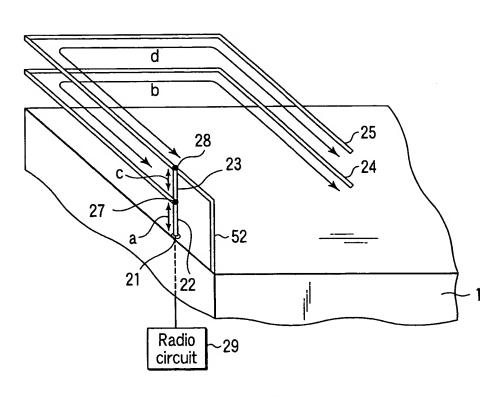


0 -1 Sol -2 -3 -4 -5 800 840 880 920 Frequency (MHz)

FIG.8B

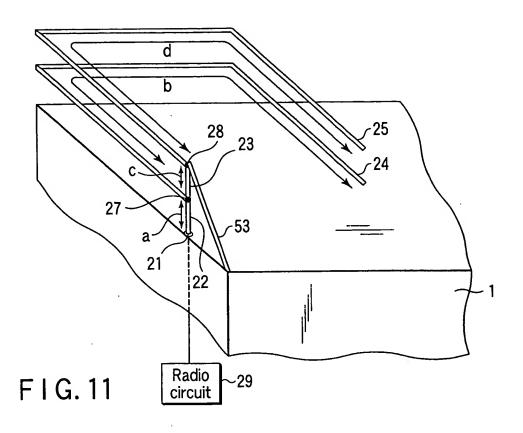
OBLON, SPIVAK, ET AL. INV: Syuichi SEKINE, et al. DOCKET # 244003US-2SRD DIV SHEET <u>6</u> OF <u>18</u>

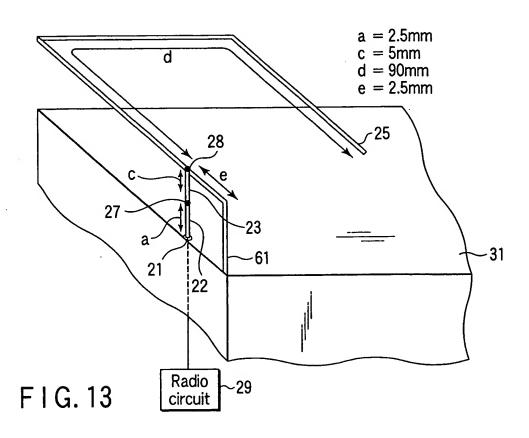


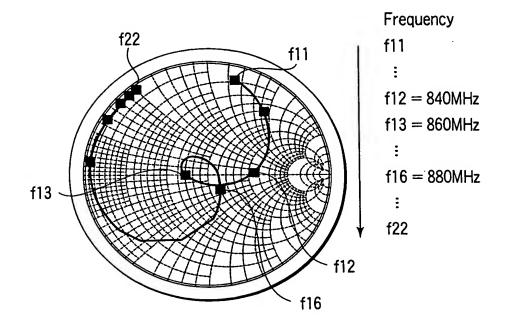


F I G. 10

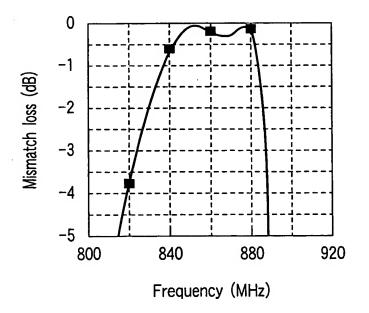
OBLON, SPIVAK, ET AL. INV: Syuichi SEKINE, et al. DOCKET # 244003US-2SRD DIV SHEET 7 OF 18





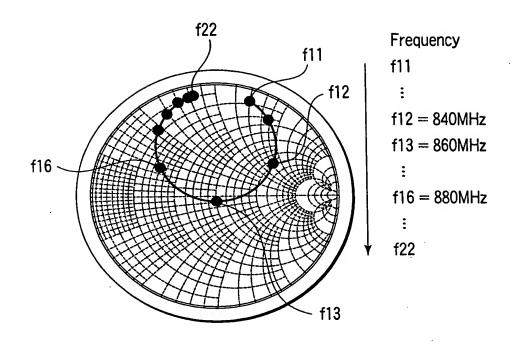


F I G. 12A

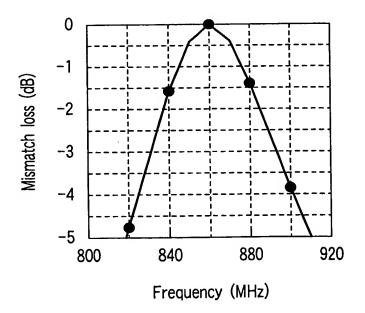


F I G. 12B

OBLON, SPIVAK, ET AL. INV: Syuichi SEKINE, et al. DOCKET # 244003US-2SRD DIV SHEET 9 OF 18

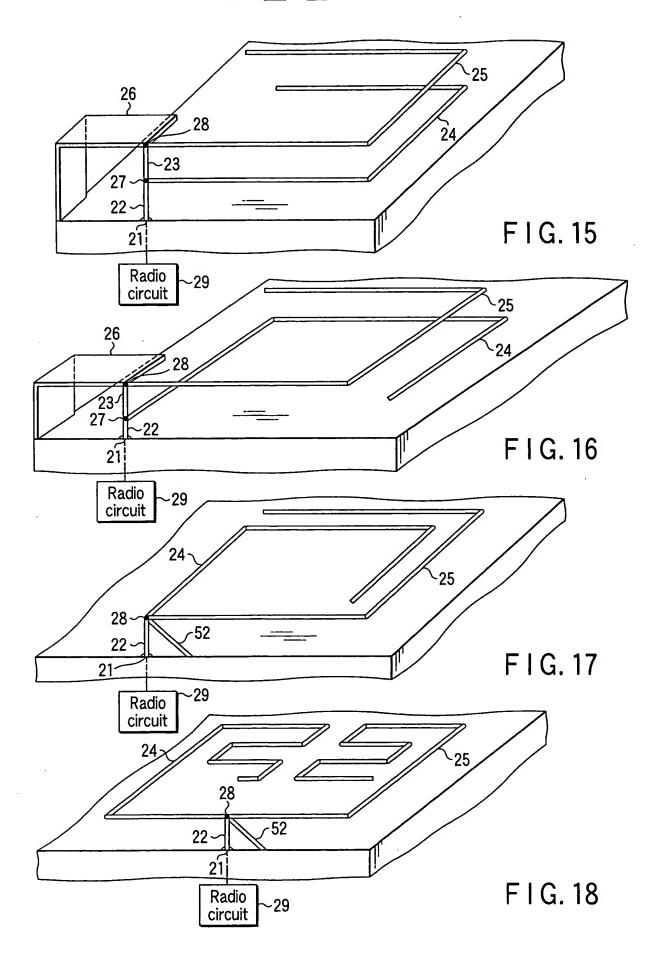


F I G. 14A

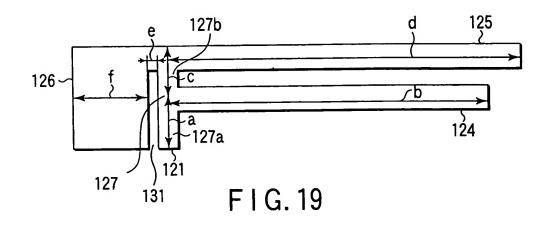


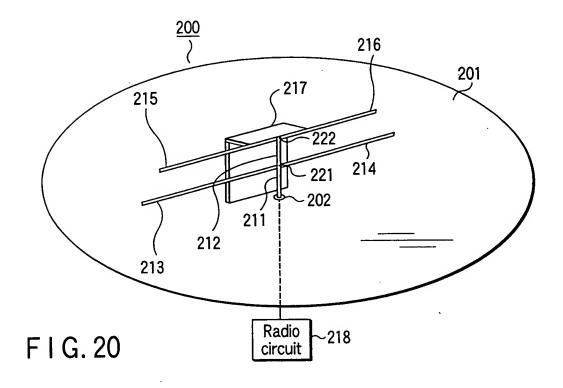
F I G. 14B

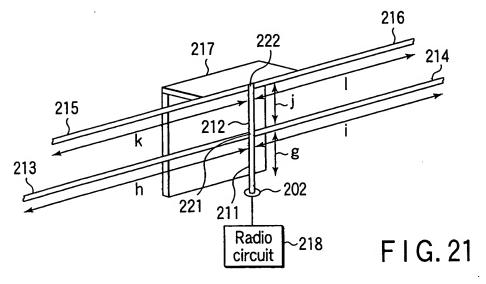
OBLON, SPIVAK, ET AL. INV: Syuichi SEKINE, et al. DOCKET # 244003US-2SRD DIV SHEET 10 OF 18

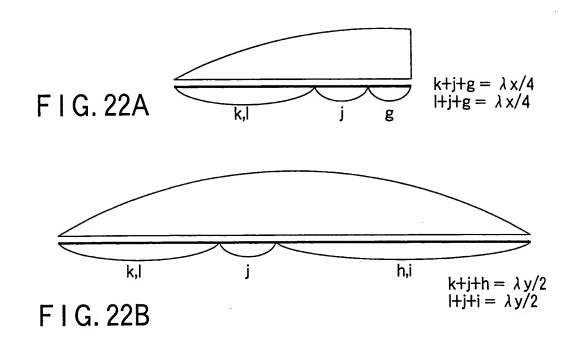


OBLON, SPIVAK, ET AL. INV: Syuichi SEKINE, et al. DOCKET # 244003US-2SRD DIV SHEET 11 OF 18









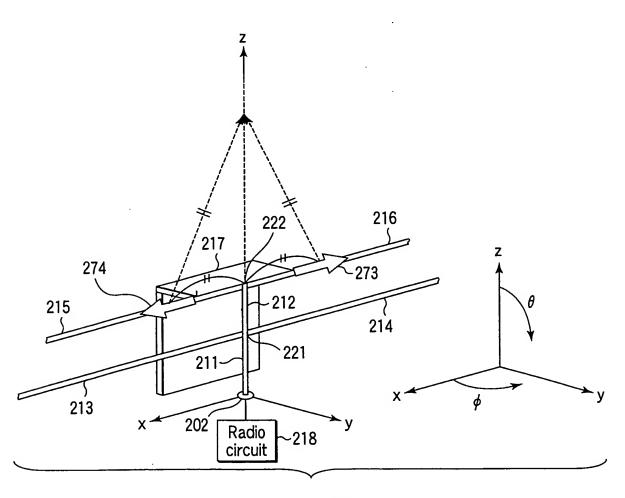


FIG. 23

OBLON, SPIVAK, ET AL. INV: Syuichi SEKINE, et al. DOCKET # 244003US-2SRD DIV SHEET 13 OF 18

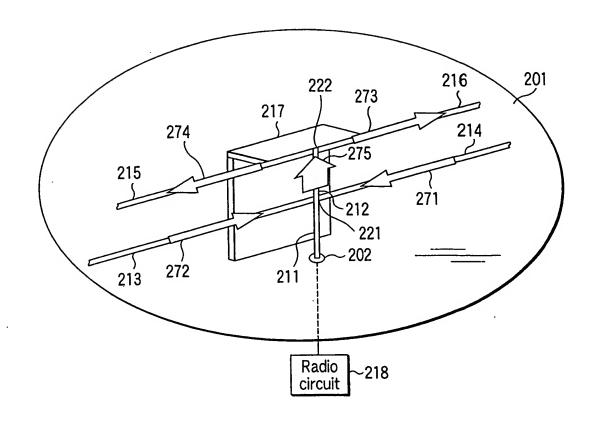


FIG. 24

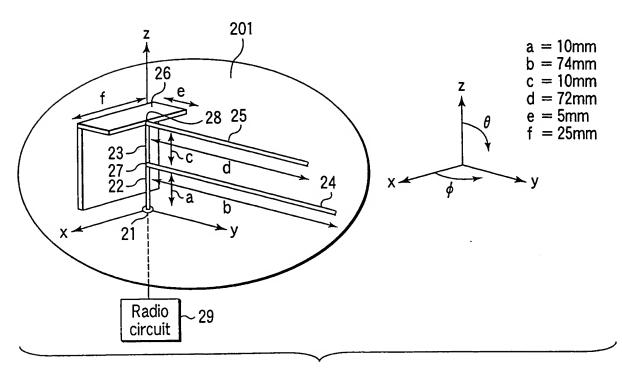


FIG. 25

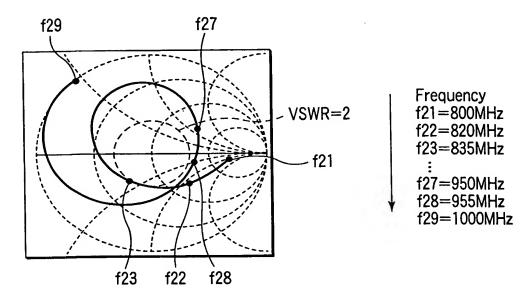


FIG. 26

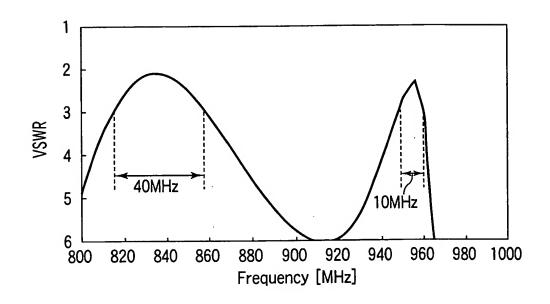
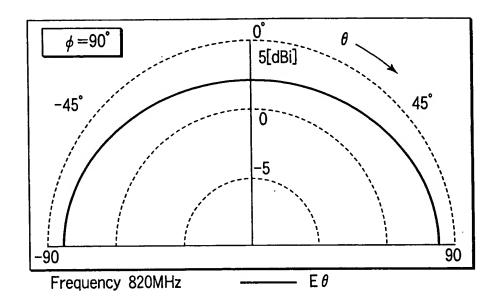
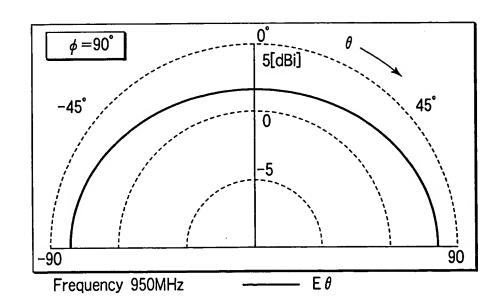


FIG. 27

OBLON, SPIVAK, ET AL. INV: Syuichi SEKINE, et al. DOCKET # 244003US-2SRD DIV SHEET 15 OF 18



F I G. 28A



F I G. 28B

OBLON, SPIVAK, ET AL. INV: Syuichi SEKINE, et al. DOCKET # 244003US-2SRD DIV SHEET 16 OF 18

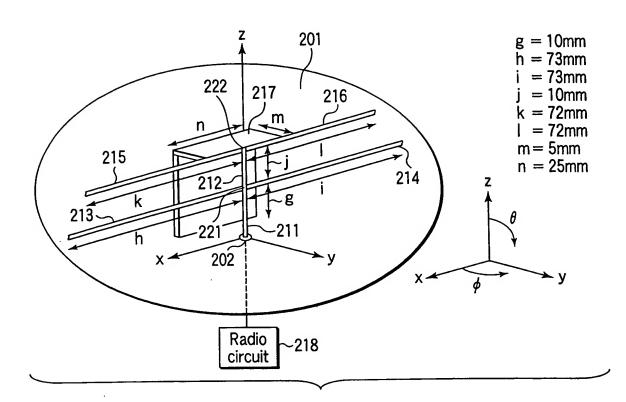


FIG. 29

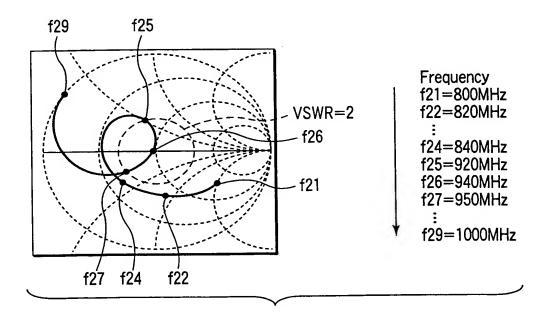
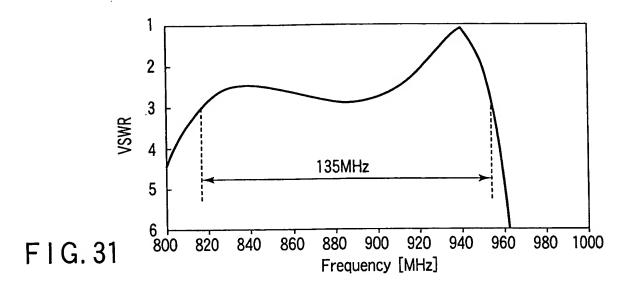


FIG. 30



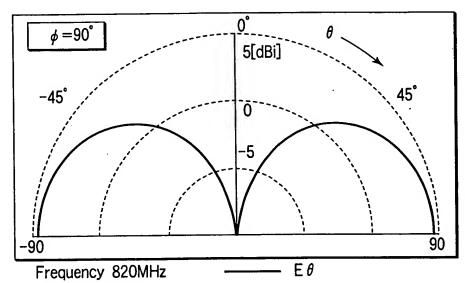


FIG. 32A

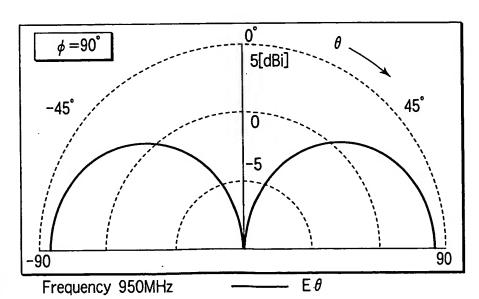


FIG. 32B

OBLON, SPIVAK, ET AL. INV: Syuichi SEKINE, et al. DOCKET # 244003US-2SRD DIV SHEET <u>18</u> OF <u>18</u>

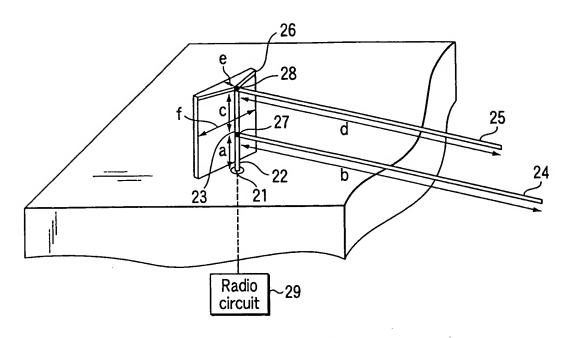


FIG. 33

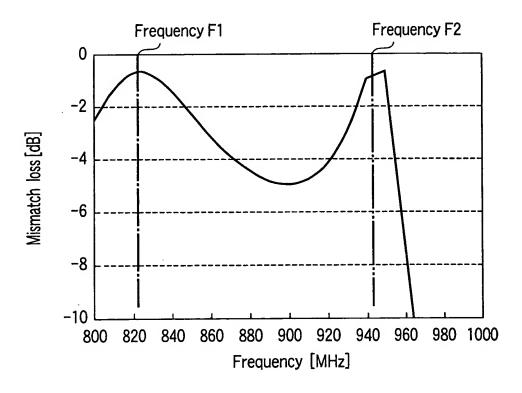


FIG. 34